

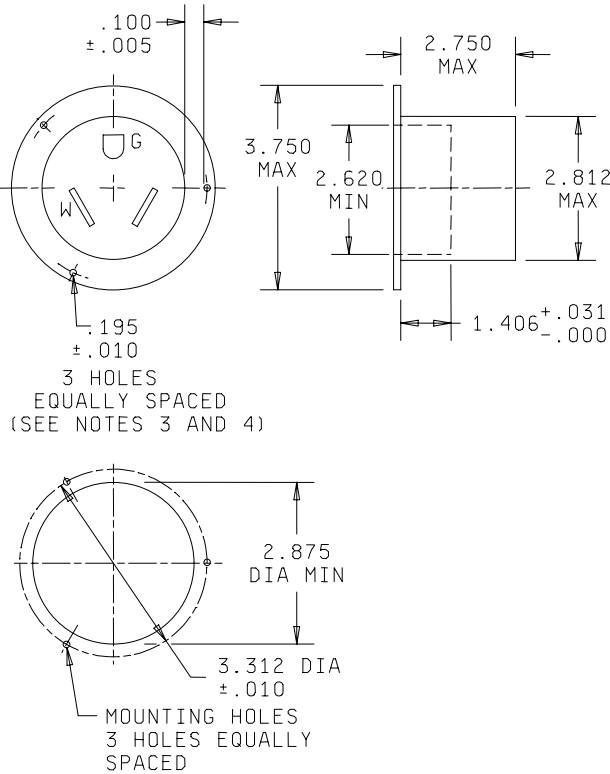
FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, MALE INLET, GENERAL PURPOSE,  
GROUNDING, 2 POLE, 3 WIRE, 50 AMPERES, 277 VOLTS, 50/60 HERTZ

INACTIVE FOR NEW DESIGN

The General Services Administration has authorized the use  
of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall  
consist of this document and the latest issue of W-C-596/GEN.



Inches	mm
.005	0.13
.010	0.25
.031	0.79
.100	2.54
.195	4.95
1.406	35.71
2.620	66.55
2.750	69.85
2.812	71.42
2.875	73.02
3.312	84.12
3.750	95.25

- NOTES:
1. Dimensions are in inches.
  2. Metric equivalents are given for general information only.
  3. Relation of mounting holes to contact location may be other than as shown.
  4. See optional mounting hole configurations of W-C-596/GEN.
  5. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

# W-C-596/175B

## REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Dimensions shall conform to NEMA WD 6, configuration 7-50P.

### Ratings:

Voltage: 277 volts.

Current: 50 amperes.

Frequency: 50/60 hertz.

Part or Identifying Number (PIN): WC596/175- (dash number from table I).

TABLE I. Dash number.

Dash number	Supersedes style	Description
1		Male inlet

Supersession and cross reference: See table II.

TABLE II. Supersession and cross reference.

Active Government PIN	Superseded numbers		
	CAGE <u>1/</u> 74545	CAGE 04009	CAGE 81091
WC596/175-1			

1/ CAGE is the Commercial and Government Entity code, which is assigned and maintained by Defense Logistics Information Service (DLIS) in Battle Creek, MI.

## MILITARY INTERESTS:

### Custodians

Army - CR

Navy - YD

Air Force - 11

DLA - CC

### Review Activities

Army - AR, AV, CR4, MI

Navy - AS, EC, MC, SH

Air Force - 19, 99

## CIVIL AGENCY COORDINATING ACTIVITIES:

DCGOVT - DCG

DOT - ACO

GSA - 7FXE

HHS - FEC

USDA - AFS

Preparing Activity:

DLA - CC

(Project 5935-4306-23)